AMENDMENT

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer, and Assignee reserves the right to claim this subject matter in a continuing application:

1. -29. (Canceled)

30. (Currently Amended) An optical chassis, comprising:

a shell body having an accommodation space defining a plurality of inside walls;

a plurality of reflection planes formed on at least a portion of the plurality of inside walls; and

one or more reflective plating films ~~formed~~ directly coated on at least a portion of the plurality of reflection planes to reflect light.

31. (Previously Presented) The optical chassis of claim 30, and further comprising:

a light source coupled to the body to transmit light to one or more of the reflection planes.

32. (Previously Presented) The optical chassis of claim 30, wherein the optical chassis comprises at least a portion of an optical scanner.

33. (Previously Presented) The optical chassis of claim 30, wherein the shell body and plurality of reflection planes are formed as a single piece.

34. (Previously Presented) The optical chassis of claim 30, wherein the shell body further comprises a lid body and a major body, wherein the lid body and the major body are formed as separate pieces and subsequently assembled.

35. (Previously Presented) The optical chassis of claim 30, wherein at least two of the plurality of inside walls are substantially opposed, and wherein a reflection plane is formed on each of the at least two substantially opposed inside walls.

36. (Previously Presented) The optical chassis of claim 30, wherein the one or more plating films comprise one or more of: silver, chromium, aluminum, and/or platinum, and/or alloys thereof.

37. (Previously Presented) The optical chassis of claim 30, wherein at least a portion of the reflection planes have substantially corresponding angles.

38. (Previously Presented) The optical chassis of claim 36, wherein the one or more plating films are further coated with one or more protection materials.

39. (Previously Presented) The optical chassis of claim 38, wherein the protection materials comprise one or more of: PE plastic films and/or macromolecular material.

40. (Currently Amended) A method of forming an optical chassis, comprising:

forming a shell body to have an accommodation space defining a plurality of inside walls;

forming a plurality of reflection planes on at least a portion of the plurality of inside walls; and

depositing one or more plating films directly on at least a portion of the plurality of reflection planes, said deposited plating films being capable of reflecting light.

41. (Previously Presented) The method of claim 40, wherein forming said shell body further comprises forming from one or more of: injection molding, die-casting, squeeze forming, milling, CNC machining, and/or combinations thereof.

42. (Previously Presented) The method of claim 40, and further comprising forming the shell body and plurality of reflection planes as a single piece.

43. (Previously Presented) The method of claim 40, wherein the shell body comprises a lid body and a major body, the method further comprising forming the lid body and the major body as separate pieces; and

assembling said shell body from said separate pieces.

44. (Previously Presented) The method of claim 40, and further comprising forming at least two of the plurality of inside walls to be substantially opposed, and forming a reflection plane on each of the at least two substantially opposed inside walls.

45. (Previously Presented) The method of claim 40, wherein said depositing one or more plating films substantially comprises one or more of: evaporation sputtering, sputtering and/or chemical deposition.

46. (Previously Presented) The method of claim 45, wherein the plating films comprise one or more of: silver, chromium, aluminum, and/or platinum, and/or alloys thereof.

47. (Previously Presented) The method of claim 40, and further comprising forming one or more protection materials on at least a portion of the plating films.

48. (Previously Presented) The method of claim 47, wherein the protection materials comprise one or more of: PE plastic films and/or macromolecular material.

49. (Previously Presented) The method of claim 40, wherein the optical chassis comprises at least a portion of an optical scanner.

50. (Currently Amended) An optical scanner, comprising:

a shell body having an accommodation space defining at least two inside walls;

at least one reflection plane formed on the at least two inside walls;

a light source coupled to the body to illuminate at least one of the reflection planes;

a lens set to focus light reflected by the one or more reflection planes; and

one or more plating films ~~formed~~ directly coated on the reflection planes to reflect light.

51. (Previously Presented) The optical scanner of claim 50, wherein the shell body and plurality of reflection planes are formed as a single piece.

52. (Previously Presented) The optical scanner of claim 50, wherein the shell body comprises a lid body and a major body, wherein the lid body and the major body are formed as separate pieces and subsequently assembled.

53. (Previously Presented) The optical scanner of claim 50, wherein at least two of the plurality of inside walls are substantially opposed, and wherein a reflection plane is formed on each of the at least two substantially opposed inside walls.

54. (Previously Presented) The optical scanner of claim 50, wherein the one or more plating films comprise one or more of: silver, chromium, aluminum, and/or platinum, and/or alloys thereof.

55. (Previously Presented) The optical scanner of claim 50, wherein at least a portion of the reflection planes have substantially corresponding angles.

56. (Previously Presented) The optical scanner of claim 50, wherein the one or more plating films are further coated with one or more protection materials.

57. (Previously Presented) The optical scanner of claim 56, wherein the protection materials comprise one or more of: PE plastic films and/or macromolecular material.